

Addendum #1
Transit Security System
Nashua Transit

Agency: CITY OF NASHUA

RFP: RFP0830-121109

1. Does agency require 'panic switch' alert transmission from bus upon return to bus facility or while vehicle is on route?

ANS: While vehicle is on route.

2. Could the buyer elaborate on what is meant by 'wireless digital surveillance cameras'? Does the agency wish each camera (of 3) to be wireless OR the system including all camera to be wirelessly accessible?

ANS: Cameras wired to DVR on buses, and DVR optionally accessible via wireless.

3. Considering that cameras will require power during bus operation will buyer accept 'wired' cameras utilizing cabling for power/audio/video signal?

ANS: Yes

4. Can the buyer please elaborate on 'throttle position' indication to be recorded on video recorder?

ANS: Throttle position is the same as 'speed'

5. Does buyer request the bidders provide laptops for vehicle video review and configuration? If so, how many are required?

ANS: Bidders should provide only solution specific software or utility software.

6. Could agency provide elaboration of what is meant by 'streaming back up' of transit data? Is this meant to back up archived data to separate network attached storage?

ANS: Backup technology is that which continuously streams data to back up device to minimize backup load on other devices. Possibly if proposed.

7. Does the agency have any previous experience with bus video systems? If so, what makes or models?

ANS: No

8. Are buses currently outfitted with wireless communication equipment? Either WiFi or Cellular?

ANS: Yes, cellular for GPS

9. Please provide specifications, access, type and quantities of impact sensors to be integrated into system for event triggering.

ANS: Defer to bidders recommendations based on similar implementations elsewhere.

10. Please specify if events must be differentiated on transmission to alert designated authorities or if an aggregated single alert is acceptable.

ANS: Differentiated - sensor information is stored for review but alerts for panic major/critical events should be transmitted immediately.

11. Is it required to transmit event video over the air remotely to the two authorities while on route?

ANS: Bid as a specific option.

12. Please specify length of video transmitted during such an event.

ANS: To be determined during implementation based on proposed system capabilities.

13. Does each vehicle operate with a 24 VDC or 12VDC system? If 12VDC, is a 24-to-12VDC converter capable of sufficient current acceptable to power any ancillary equipment, such as additional sensors, reporting equipment, etc?

ANS: Gillig Busses 12/24 (CAN ACCOMMODATE BOTH) Trolley's to be determined.

14. Is the referenced circuit breaker currently installed and unused on each transit vehicle or is one required to be added for the new DVR system?

ANS: Circuit breaker is available.

15. Reference is made to two-channel audio recording capability. Is recorded audio required of the bus DVR system? If so, how many microphones are required for each vehicle? (Recorded audio is mentioned in the compliance matrix, but not specifically referenced in the RFP).

ANS: Recorded audio needed during panic and other triggered events, at least one mic (positioned at front near driver).

16. Please specify type and quantities of "optional pre-selected sensors" required on each vehicle. (Optional sensor inputs are defined in the reference matrix, but specific requirements are not referenced in the RFP).

ANS: Depends on what bidders system could support and the cost to NTS. Document your system's capabilities, and price as options where not already required elsewhere in the RFP.

17. Main question - with so many vendors bidding, some may price to win. How will you determine the "best" bid?

ANS: Reference page 16, Section 9, Evaluation Criteria.

18. How many distress alarm devices do you want and where should they be installed?

ANS: Installation should be in Dispatch Office

19. Will all ID access points will be just Keypads? This is the least secure mode. Proximity card readers would be more secure. And Proximity card readers with keypad is best.

ANS: Looking for keypad with proximity card readers (combination units)

20. Where will you want the door A2 release button be physically mounted?

ANS: A2 release button main dispatch interior door.

21. What is the current version of Verex software on the PC?

ANS: Current version of Verex software on PC is located in Section 5, System Requirements. The Verex software is loaded on a dedicated computer in the Phone room of the DPW Admin offices at 9 Riverside Drive (other end of building from Transit)

22. Which doors will get panic bars? Just A2 and dispatcher door?

ANS: A1, A2, & A4

23. One exterior camera is shown on the plan for Transit Offices Areas A&B plan. Will this be PTZ?

ANS: It will not be a pan tilt zoom.

24. If so where will controller need to be placed? Only one controller needed? Or will this camera and all cameras be fixed ?

ANS: All cameras fixed in location to provide maximum coverage and usability.

25. Intercom System - need specifics where you want to put speaker/microphone panels and Master.

ANS: Looking for bidder recommendations based on obvious placement. To be determined with the City at time of install.

26. Exactly where in the Admin Bldg do you want the audible alarm sirens to be placed and the sound to be heard after-hours when alarm system is armed?

ANS: Internal audible alarm siren should be in dispatch area. External alarm siren is necessary. There is one on the exterior of the building connected to the Verex system already and it should be used.

27. Do you want audible alarms to be set off during the daytime hours when a distress alarm is triggered during daytime hours?

ANS: To be determined with the City at time of install.

28. Who currently monitors the existing Verex alarm panel?

ANS: Housed in DPW (9 Riverside St) and monitored by the City

29. What is the method of communication between the Verex alarm panel and the monitoring station?

ANS: Monitored by City.

30. Will you require a back up communication on the Verex alarm panel if none exists now?

ANS: No

31. If you choose to go with Proximity card readers on new ID access points, will you want to upgrade the existing Keypad only access points?

ANS: Yes

32. Do you require exposed cables to be put in conduit?

ANS: Conduit or wire mold as appropriate.

33. Will the new security alarm devices be controlled by the existing security keypad at the 9 Riverside St front door? Or will you require a new keypad to bypass alarm devices?

ANS: Separately controlled zoned system that will utilize existing Verex computer and software.

34. If a separate keypad is needed we will need to know where to mount this.

ANS: To be determined by City at time of install.

35. A general idea of people traffic opening in the morning and closing at night would be needed.

ANS: To be determined at time of installation.

36. Do you really need an ID access point on Door A1?

ANS: Yes. It should trigger both A1 & A2. This door is planned to be open during the daytime hours as mentioned during walk through.

37. Do you want to add an ID access point on the sprinkler room similar to the access point you are planning on for the garage sprinkler room?

ANS: No

38. Should you consider an ID access point on the Locker Room?

ANS: No

39. Where will you want to locate the DVRs? Will you want them in the IS room? If so, is there rack space?

ANS: A11 (Electrical Room if space permits) or in the Dispatch Office.

40. Can you determine if IS personnel will define ability to connect to the existing network switch? The DVRs could just connect to an existing network switch and IP information could be provided to the vendor.

ANS: Any network connections necessary will be provided by the city's IT department.

41. Will you need any strategically located LCD monitors within this building?

ANS: Dispatch Office

Nashua Transit System - Garage

42. Again, will these cameras all be fixed cameras or PTZ?

ANS: Fixed

43. General question regarding exterior camera field of views- are you looking to view a wide angle view of the areas surrounding the buildings or will you want to zoom in and capture more detail for specific cameras?

ANS: Fixed to include appropriate field of vision to cover entryways.

44. General question regarding interior camera field of views- what do you want to view?

ANS: Enough of a view to identify any individual(s) and use (for prosecution) any attempts to break-in or vandalize equipment etc.

45. Do you require exposed cables to be put in conduit?

ANS: Conduit or wire mold as appropriate.

46. At which door should this be located considering opening and closer pattern?

ANS: Office 100 Door K

47. Should all cameras be cabled back to the Admin Office building to secure the DVRs in one secure location?

ANS: Can be cabled, can use the city network and/or wireless.

48. Will you need any strategically located LCD monitors within this building?

ANS: No

49. Will you want to install alarm devices directly to the Cash Vault?

ANS: No

50. Do you want to consider an ID access point on cash vault room door?

ANS: Id access point and keypad/proximity card reader.

Nashua Transit System - Area T 30 Elm St

51. Do you require exposed cables to be put in conduit?

ANS: Conduit or wire mold.

52. Is this building totally off limits to non-employees after hours?

ANS: Yes internally, however exterior is used by riders after hours.

53. Could you lock doors T2 and T3 after hours to limit employee access to just T1?

ANS: No

54. This could eliminate the need for ID access points on T2 and T3.

ANS: Access points required on T1 and T2.

55. Where will the alarm system be reporting to?

ANS: Report to Adm Bldg system @ 11 Riverside or external monitoring service to be determined based on system capabilities.

56. Which door is the one personnel enter in the morning and exit at night?

ANS: T2

57. The security alarm keypad will be located based on which door.

ANS: Keypad and proximity reader to be located at T2.

58. Is there a network switch that has a spare port to connect DVR to?

ANS: Yes, network connectivity.

Buses

59. We should define the exact quantity of cameras needed per bus. We would assume six?

ANS: Per bidder recommendation based on similar implementations by bidder.

Building Facility Security Questions:

60. In "Site Specifics" of the Transit Administrative Offices, you request a contact switch on door A4, how is this set up and is it an instant alarm, perimeter alarm, or buzz-in switch? Who does it notify?

- a. Are there any audible alarms in the Transit Administrative Office areas, and if so, what are the locations?

ANS: Not currently except for external audible siren.

- b. Is the distress alarm in Room A104 local audible alarm or a silent alarm to police or both?

ANS: Silent during business hours.

61. In the Maintenance Garage, Audible Alerts Interior and Exterior, what locations need to be audible and how many?

ANS: Exterior audible alarm on building.

62. In order to determine the camera locations, we must know what Nashua Transit wishes to see and at what distance. Can we make this determination on all cameras?

ANS: This determination should be based on the objectives outlined in the 'Risks & Objectives' section of the RFP.

- a. What is the current size of the fiber link between the Transit Center and the Administrative Buildings? What is the capacity currently being used?

ANS: 100 Mb link. 1 to 3 Mbps used.

63. Can the existing wiring in the conduit between buildings, that is for us to use, be removed and pulled back in, if they prove to be troublesome towards our installation and how long can these existing wires be out of commission and when (time of day) can the work be done?

ANS: No they cannot be removed.

64. In "System Requirements" you mention a door AND window modifications, are there any windows that fall under this modification and if so, where and what modifications would be necessary?

ANS: No

Bus Fleet Security Questions

65. Is there a prevailing wage for the labor for the proposal?

ANS: No

66. Is anything in the storage box behind the driver's seat on the busses?

ANS: Yes. It cannot be used.

67. Is the bidder required to include pricing for the three trolleys that the Transit System is planning on acquiring?

ANS: Detail and price as an option (for expansion).

68. Do you require 30 FPS for all 3 cameras or must each camera record at 30 FPS? ANS:

Must be capable of recording at 30 FPS.

69. What is the mandatory retention time for Digital Video recorded onboard the buses?

ANS: 72 hours, after that it should be kept in the Transit Offices DVR as long as space permits.